# APPENDIX D

## PROPOSAL SCORING PROTOCOLS

## Public School Watershed and Fishery Conservation Education Projects (ED)

Proposal # _____ Proposal Name _____
Date _____ Raters _____ Region _____

Proposal does not focus on anadromous salmonid conservation and watershed processes or does not include sufficient detail to allow cost analysis, score "0" for Total Score.
Please explain: _____

_____

**Section One: Biological Conditions and Need (16 points possible)** **Score**

Anadromous salmonid species currently or historically present: (1 point each)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**and**

**A.** Anadromous salmonid species restorable or currently present: (1 pt each species)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**B.** (Item B pts. / Item A pts.) = _____ / _____ x 10 (max 10 pts) = _____ (C)

Listed species currently or historically present: (4 pt endangered, 2 pts threatened, 1 candidate)
Chinook _____ Coho _____ Steelhead _____ _____

**Total Section One** _____

**Section Two: Technical Merit (34 points possible)**

Extent the curriculum or proposed activity addresses local watershed conditions. (0 - 5 pts.)
Are there DFG-acceptable methods taught? (yes = 5 pts., no = 0 pts.) _____

Does the curriculum correspond with California Content Standards and/or National Science Content Standards? (yes = 5 pts., no = 0 pts.) _____

Limiting factors addressed: (1 pt. each, maximum 9 pts.)
Water Quality _____ Water Quantity _____ Riparian _____ Sediment _____
Spawning Habitat _____ Rearing Habitat _____ Estuary _____ Passage _____
Life Cycles _____ Upslope _____ _____

Number of persons trained (1pt. for each 10 persons, maximum 10 pts.) _____

**Total Section Two** _____

**Section Three: Effectiveness Evaluation (25 points possible)**

Is there a self evaluation plan (If no score, "0" for this section) _____

Degree to which evaluation measures effectiveness. (0 - 15 pts.) _____
Is this a new organization, effort, or responsibility in this watershed? (10 pts.) _____

**Total Section Three** _____

**Section Four: Cost/Benefit Acceptance (25 points possible)**

Total Project Cost Acceptable? (yes = 5 pts., no = 0 pts.) _____
If no, describe how: _____

_____

Matching Funds (See matrix, Page D20) (Score 1 - 20 pts.) _____

**Total Section Four** _____

**TOTAL SCORE (100 pts possible)** **(_____)**

## Habitat Acquisition and Conservation Easements (HA)

Proposal # _____ Proposal Name _____
Date _____ Raters _____ Region _____

Watershed does not contain anadromous salmonid populations or habitat resources, lacks an appraisal or proposal is lacking sufficient detail to allow cost analysis score "O" for Total Score:
Please explain: _____

_____

**Section One: Biological Conditions and Need (16 points possible)** **Score**

**A.** Anadromous salmonid species currently or historically present: (1 points each)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**and**

**B.** Anadromous salmonid species restorable or currently present: (1 pt each)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**C.** (Item B pts. / Item A pts.) = _____ / _____ x 10 (max 10 pts) = _____ (C)

Listed species currently or historically present: (4 pt endangered, 2 pts threatened, 1 candidate)
Chinook _____ Coho _____ Steelhead _____ _____

**Total Section One** _____

**Section Two: Project Focus and Technical Merit of Project (39 points possible)**

A. Would project benefit or improve (10 pts each):
Critical wintering, summering, or migratory habitat for anadromous salmonids _____
Excellent representative examples of specific species habitats and habitat linkages _____
Critical buffer zones with critical parts for maintaining ecosystem functions _____

Would project reduce or eliminate keystone limiting factors within watersheds (1 pt each, max. 9 pts.)

Water Quantity _____ Water Quality _____ Riparian Dysfunction _____
Excessive Sediment _____ Spawning Habitats _____ Summer Rearing _____
Estuary/Lagoon _____ Passage _____ Entrainment _____ Other _____

**Sub-Total Section 2A** _____

B. Sites with low viability and natural condition typically: (2 pts. for each)
Have little, if any, remaining natural vegetation _____
Have marginal or poorly reproducing populations of the target species _____
Have substantial infestations of invasive plants that are difficult to control _____
Have substantial soil disturbance _____
Are frequently used by people for activities that are detrimental or disturbing to wildlife _____
Are small parcels that are surrounded by urban, residential, or agricultural lands, especially in rapidly developing areas _____
Are small parcels that are surrounded by lands with disturbed soil or vegetation, high detrimental human use, or other threats
Have flow regimes which have been severely altered with high potential for continued alteration _____

**Sub-Total Section 2B** _____

**Total (2A minus 2B)** _____

**Total Section Two** _____

## Habitat Acquisition and Conservation Easements (HA) Cont.

**Section Three: Cost/Benefit Acceptance (45 points possible)** **Score**

**A.** Proposer has included formal management agreement, easement language, or MOU (10 points) _____

Proposer has proven track record for managing and acquiring property or water (10 points) _____

Proposer is an established organization and has proven track record for managing finances (5 points) _____

If no to any of the above, describe why: _____

_____

**Sub-Total Section 3A** _____

**B.** Management Constraints **-** Site with fewer constraints on the agencies' or organizations ability to manage, or assist in management, score higher than sites with many such constraints. Constraints include: (minus 2 pts. for each)

Significant obstacles to maintaining or restoring water quality (toxics, pesticides, salts) _____

Restrictive water rights issues _____

Short term lease of water to be left in streams for fish use _____

Restrictive cultural or historical resources which conflict with restoration or mgt. goals _____

Hazardous conditions or materials _____

High potential for theft, vandalism, or public use conflicts which may affect management of the property _____

Restrictive deeds, easements, or other agreements that would limit mgt. or restoration _____

Inadequate access for management purposes _____

In-holdings or property boundaries that limit or preclude management options _____

**Sub-Total Section 3B** _____

**Total (A minus B)** _____

Matching Funds (See matrix, Page D20) (Score 1 - 20 pts.) _____

**Total Section Three** _____

**TOTAL SCORE (100 pts possible)** **(_____)**

## Passage (HB-stream crossings, FL)

Proposal # _____ Proposal Name _____
Date _____ Raters _____ Region _____

Proposal not biologically sound or project is lacking sufficient detail to allow cost analysis score "O" for Total Score:
Please explain: _____

**Section One: Biological Conditions and Need (26 points possible)** **Score**

Anadromous salmonid species currently or historically present: (1 point each)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**and**

**A.** Anadromous salmonid species restorable or currently present: (1 pt each species)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**B.** (Item B pts. / Item A pts.) = _____ / _____ x 20 (max 20 pts) = _____

**C.** Listed species currently or historically present: (4 pts. endangered, 2 pts. threatened, 1 pt. candidate)
Chinook _____ Coho _____ Steelhead _____ _____

**Total Section One** _____

**Section Two: Project Focus and Technical Merit of Project (49 points possible)**

**A.** Extent of barrier for adult anadromous, resident salmonids, & juvenile salmonids _____

| Barrier Category | Definition | Score |
|---|---|---|
| Temporal | Impassable to all fish at certain flow conditions. | 5 |
| Partial | Impassable to some fish species and/or life stages at all flows. | 10 |
| Total | Impassable to all fish at all flows. | 15 |

**B.** Habitat quantity above each crossing; 0.5 pt for each 500 feet of stream to the limit of anadromy) (max 10 pts.) _____

**C.** Habitat quantity above crossing; (1.0 pt Excellent, 0.75 Good. 0.5 pt Fair, 0.25 Poor) _____

**D.** (Item B pts. x Item C pts.) = _____ x _____ (max 10 pts.) = _____

**E.** Crossing sizing for flow event (risk of failure of existing crossing) (0 pt. for 100-yr flow; 1 pt. for 50-yr flow; 2 pts. for 25-year + flow; 3 pts. for 10-yr + flow; 4 pts. for <10-yr flow; 5 pts. <5-yr flow) _____

**F.** Current Condition of Crossing (0 pt. Good; 2 pts. Fair; 4 pts. Poor; 6 pts. Extremely Poor) _____

**G.** Absence of other stream crossing barriers (7 pts.), **or** if multiple crossings exist, is there a coordinated plan to identify and treat them in a logical manner? (4 pts), **or** Multiple crossings with no plan (0 pt.) _____

**H.** Adult **and/or** juvenile salmonids observed below crossings? (3 pts. each; max 6 pts.) _____

**Total Section Two** _____

**Section Three: Cost/Benefit Acceptance (25 points possible)**

**A.** Total project cost acceptable? (Yes = 5 pts., No = 0 pts.) _____
If no, describe why: _____

**B.** Matching Funds (See matrix, Page D20) (Score 1 - 20 pts.) _____

**Total Section Three** _____

**TOTAL SCORE (100 points possible)** **(_____)**

## Instream Projects (HI-HS-CF- HB (other than stream crossings) and PM)

Proposal # _____ Proposal Name _____
Date _____ Raters _____ Region _____

Proposal not biologically sound or project is lacking sufficient detail to allow cost analysis score "O" for Total Score:
Please explain: _____

_____

**Section One: Biological Conditions and Need (26 points possible)** **Score**

**A.** Anadromous salmonid species currently or historically present: (1 point each)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**and**

**B.** Anadromous salmonid species restorable or currently present: (1 pt each species)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**C.** (Item B pts. / Item A pts.) = _____ / _____ x 20 (max 20 pts) = _____ (C)

Listed species currently or historically present: (4 pts. endangered, 2 pts. threatened, 1 pt. candidate)
Chinook _____ Coho _____ Steelhead _____ _____

**Total Section One** _____

**Section Two: Project Focus and Technical Merit of Project (49 points possible)**

**A.** Identified keystone limiting factors within watershed: (1 pt. each impact, maximum 10 points)

Water Quantity _____ Water Quality _____ Riparian Dysfunction _____
Excessive Sediment _____ Spawning _____ Over-winter habitat _____
Summer Rearing _____ Escape Cover _____ Estuary/Lagoon _____
Passage _____ Other _____

**and**

**B.** Potential benefit of project to above keystone limiting factors: (1 pt. each benefit, maximum 10 points)

Water Quantity _____ Water Quality _____ Riparian Dysfunction _____
Excessive Sediment _____ Spawning _____ Over-winter habitat _____
Summer Rearing _____ Escape Cover _____ Estuary/Lagoon _____
Passage _____ Other _____

**C.** (Item B pts. / Item A pts.) = _____ / _____ x 30 (max 30 pts) = _____ (C)

Follows Manual or Acceptable Protocol: Yes 10 pts. _____ No 0 pt. _____ _____

Project will affect limiting factors in a timely manner: 9 - 7 - 5 - 3 - 1 _____
(See Matrix on page D19)

**Total Section Two** _____

**Section Three: Cost/Benefit Acceptance (25 points possible)** _____
Total Project Cost Acceptable? (Yes = 5 pts., No = 0 pt.) _____
If no, describe why: _____

_____

Matching Funds (See matrix, Page D20) (Score 1 - 20 pts.) _____

**Total Section Three** _____

**TOTAL SCORE (100 points possible)** **(_____)**

## Upslope Restoration (HU-HR-CF)

Proposal # _____ Proposal Name _____
Date _____ Raters _____ Region _____

Proposal not biologically sound or project is lacking sufficient detail to allow cost analysis score "O" for Total Score:
Please explain: _____

_____

**Section One: Biological Conditions and Need (26 points possible)** **Score**

**A.** Anadromous salmonid species currently or historically present: (1 point each)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**and**

**B.** Anadromous salmonid species restorable or currently present: (1 pt each species)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**C.** (Item B pts. / Item A pts.) = _____ / _____ x 20 (max 20 pts) = _____ (C)

Listed species currently or historically present: (4 pts. endangered, 2 pts. threatened, 1 pt. candidate)
Chinook _____ Coho _____ Steelhead _____ _____

**Total Section One** _____

**Section Two: Project Focus and Technical Merit of Project (49 points possible)**

**A.** Identified keystone limiting factors within watershed: (1 pt. each impact, maximum 10 points)

Water Quantity _____ Water Quality _____ Riparian Dysfunction _____
Excessive Sediment _____ Spawning _____ Over-winter habitat _____
Summer Rearing _____ Escape Cover _____ Estuary/Lagoon _____
Passage _____ Other _____

**and**

**B.** Potential benefit of project to above keystone limiting factors: (1 pt. each benefit, maximum 10 points)

Water Quantity _____ Water Quality _____ Riparian Dysfunction _____
Excessive Sediment _____ Spawning _____ Over-winter habitat _____
Summer Rearing _____ Escape Cover _____ Estuary/Lagoon _____
Passage _____ Other _____

**C.** (Item B pts. / Item A pts.) = _____ / _____ x 30 (max 30 pts) = _____ (C)

Follows Manual or Acceptable Protocol: Yes 10 pts. _____ No 0 pt. _____ _____

Project will affect limiting factors in a timely manner: 9 - 7 - 5 - 3 - 1 _____
(See Matrix on page D19)

**Total Section Two** _____

**Section Three: Cost/Benefit Acceptance (25 points possible)**

Total Project Cost Acceptable? (Yes = 5 pts., No = 0 pt.) _____
If no, describe why: _____

_____

Matching Funds (See matrix, Page D20) (Score 1 - 20 pts.) _____

**Total Section Three** _____

**TOTAL SCORE (100 points possible)** **(_____)**

## Effectiveness Monitoring (MO) and Monitoring Projects (MD)

Proposal # _____ Proposal Name _____
Date _____ Raters _____ Region _____

Proposal not biologically sound or project is lacking sufficient detail to allow cost analysis score "O" for Total Score:
Please explain: _____
_____

**Section One: Biological Conditions and Need (26 points possible)** **Score**

**A.** Anadromous salmonid species currently or historically present: (1 point each)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**and**

**B.** Anadromous salmonid species restorable or currently present: (1 pt each species)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**then**

**C.** (Item B pts. / Item A pts.) = _____ / _____ x 20 (max 20 pts) = _____

**D.** Listed species currently or historically present: (4 pts. endangered, 2 pts. threatened, 1 pt. candidate)
Chinook _____ Coho _____ Steelhead _____ _____

**Total Section One** _____

**Section Two: Project Focus and Technical Merit of Project (49 points possible)**
Is proposer qualified to carry out monitoring project? Yes _____ No _____ (If no *reject proposal and attached written reasons for rejection).*

**A.** Limiting factors measured: _____
(3 pts. high, 1 pt. low, 0 pt. none; max 24 points)
Water Quality _____ Water Quantity _____ Riparian _____ Spawning _____
Passage____ Entrainment _____ Rearing Habitat _____
Other _____

**B.** DFG acceptable protocols used _____
(2 pts. each; maximum 16 points):
Aerial Photo Analysis _____ Stream Habitat Inventory _____ Temperature _____
Sediment Sampling _____ Channel Monitoring _____ V-star _____
Spawner Survey _____ Juvenile Biological Sampling _____
Structure Evaluation _____ Other (list) _____

Ability to complete acceptable data collection within the proposed time frame: 9 - 7 - 5 - 3 - 1 _____

**Total Section Two** _____

**Section Three: Cost/Benefit Acceptance (25 points possible)**
Total Project Cost Acceptable? (Yes = 5 pts., No = 0 pt.) _____
If no, describe how to make costs acceptable: _____
_____

Matching Funds (See matrix, Page D20) (Score 1 - 20 pts.) _____

**Total Section Three** _____

**TOTAL SCORE (100 points possible)** **(_____)**

## Watershed Organization and Support (OR)

Proposal # _____ Proposal Name _____
Date _____ Raters _____ Region _____

Proposal does not focus on anadromous salmonid conservation and watershed processes or does not include sufficient detail to allow cost analysis, score "0" for Total Score.
Please explain: _____

**Section One: Biological Conditions and Need (16 points possible)** **Score**

**A.** Anadromous salmonid species currently or historically present: (1 point each)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**and**

**B.** Anadromous salmonid species restorable or currently present: (1 pt each species)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**C.** (Item B pts. / Item A pts.) = _____ / _____ x 20 (max 20 pts) = _____ (C)

Listed species currently or historically present: (4 pts. endangered, 2 pts. threatened, 1 pt. candidate)
Chinook _____ Coho _____ Steelhead _____ _____

**Total Section One** _____

**Section Two: Project Focus and Technical Merit of Project (34 points possible)**
Measurable activities included in proposal (2 pts. each, maximum 14 points):
Develop landowner access _____ Organize technical training _____ Hold regular meetings _____
Organize volunteer activities _____ Conduct surveys using DFG accepted protocols _____
Develop project proposals _____ Develop landowner cooperation leading to watershed plan _____
Organize educational activities _____ Other (List) _____ _____

Watershed issues addressed: (1 pt each; maximum 10 points):
Water Quantity _____ Water Quality _____ Riparian Dysfunction _____ Excessive Sediment _____
Over-winter habitat _____ Summer Rearing _____ Escape Cover _____ Spawning _____
Estuary/Lagoon _____ Passage _____ Other _____ _____
Percentage of watershed included in proposal (1pt. for each 10%) _____

**Total Section Two** _____

**Section Three: Effectiveness Evaluation (25 points possible)**
IF AN ONGOING EFFORT: Is there a status report included? Yes _____ No _____
(If no score 0 for section total) _____

For existing groups: Rate the past performance of the group
on the above deliverables (0-5) _____
For existing groups: has the past activities led to on the
ground restoration or proposals (0-5) _____
Is this a new organization: Is this a new effort, or
responsibility in this watershed? (15 pts.) _____
Percentage of cooperative landowners (1pt. for each 10%) _____

**Total Section Three** _____

**Section Four: Cost/Benefit Acceptance (25 points possible)**
Total Project Cost Acceptable? (yes = 5 pts., no = 0 pts.) _____
If no, describe how: _____

Matching Funds (See matrix, Page D20) (Score 1 - 20 pts.) _____

**Total Section Four** _____
**TOTAL SCORE (100 points possible)** **(_____)**

## Public Involvement and Capacity Building (PI)

Proposal # _____ Proposal Name _____
Date _____ Raters _____ Region _____

Proposal does not focus on anadromous salmonid conservation and watershed processes or does not include sufficient detail to allow cost analysis, score "0" for Total Score.
Please explain: _____

_____

**Section One: Biological Conditions and Need (16 points possible)** **Score**

**A.** Anadromous salmonid species currently or historically present: (1 point each)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**and**

**B.** Anadromous salmonid species restorable or currently present: (1 pt each species)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**C.** (Item B pts. / Item A pts.) = _____ / _____ x 10 (max 10 pts) = _____ (C)

Listed species currently or historically present: (4 pts. endangered, 2 pts. threatened, 1 pt. candidate)
Chinook _____ Coho _____ Steelhead _____ _____

### Total Section One _____

**Section Two: Project Focus and Technical Merit of Project (34 points possible)**
Measurable activities included in proposal (2 pts. each, maximum 14 points):
Establish landowner access _____ Organize technical training _____ Hold regular meetings _____
Organize volunteer activities _____ Conduct surveys using DFG accepted protocols _____
Develop project proposals _____ Develop watershed orregional plan _____
Implement recommendations of watershed or regional plan _____ Organize educational activities _____
Other (List) _____ _____

Watershed issues addressed: (1 pt each; maximum 10 points):
Water Quantity _____ Water Quality _____ Riparian Dysfunction _____ Excessive Sediment _____ Spawning _____
Over-winter habitat _____ Summer Rearing _____ Escape Cover _____ Estuary/Lagoon _____ Passage _____
Other _____ _____

Is proposal based on recommendations of an established watershed or recovery plan or planning effort? (10 points) _____

### Total Section Two _____

**Section Three: Effectiveness Evaluation (25 points possible)**
IF AN ONGOING EFFORT: Is there a status report included? Yes _____ No _____
(If no score 0 for section total) _____

For existing groups: Rate the past performance of the group on the above deliverables (0-5) _____
For existing groups: has the past activities led to on the ground restoration or proposals (0-5) _____
Is this a new organization: Is this a new effort, or responsibility in this watershed? (15 pts.) _____

Degree to which proposal meets recommendations of above established watershed or recovery plan or planning effort. (0-10 points) _____

### Total Section Three _____

## Public Involvement and Capacity Building (PI) Cont.

**Section Four: Cost/Benefit Acceptance (25 points possible)**

Total Project Cost Acceptable? (yes = 5 pts., no = 0 pts.) _____

If no, describe how: _____

_____

Matching Funds (See matrix, Page D20) (Score 1 - 20 pts.) _____

**Total Section Four** _____

**TOTAL SCORE (100 points possible)** **(_____)**

## Watershed Evaluation, Assessment, and Planning (PL)

Proposal # _____ Proposal Name _____
Date _____ Raters _____ Region _____

Proposal not biologically sound or project is lacking sufficient detail to allow cost analysis score "O" for Total Score:
Please explain: _____
_____

**Section One: Biological Conditions and Need (26 points possible)** **Score**

**A.** Anadromous salmonid species currently or historically present: (1 point each)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**and**

**B.** Anadromous salmonid species restorable or currently present: (1 pt each species)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**C.** (Item B pts. / Item A pts.) = _____ / _____ x 20 (max 20 pts) = _____ (C)

Listed species currently or historically present: (4 pts. endangered, 2 pts. threatened, 1 pt. candidate)
Chinook _____ Coho _____ Steelhead _____ _____

**Total Section One** _____

**Section Two: Project Focus and Technical Merit of Project (49 points possible)**

**A.** Potential of proposal to identify below keystone limiting factors within watershed: (1 pt. each impact, max. 9 points)

Water Quantity _____ Water Quality _____ Riparian Dysfunction _____ Excessive Sediment _____
Spawning _____ Over-winter habitat _____ Summer Rearing _____ Escape Cover _____
Estuary/Lagoon _____ Passage _____ Other _____

_____

**B.** DFG acceptable protocols proposed to address above limiting factors (1-2 pts. each, maximum 10 points):

Aerial Photo Analysis _____ Road Inventory _____ Stream Habitat Inventory _____ Riparian Inventory _____
Temperature _____ Sediment Sampling _____ Bio-assessment _____ Channel Profile _____
Other (list) _____

_____

Develop complete watershed plan as described on Pages 14-15, score "10" points:
Conduct specific assessment based on a watershed plan acceptable to DFG: Score "8" points
Specific assessment for ranch type plan acceptable to DFG: Score "5" points
Specific assessment not based on **any** previous planning effort: Score "O" points _____
Percentage of watershed included in proposal (1 pt. for each 10%) _____
Percentage of landowners willing to cooperate (1 pt. for each 10%) _____

**Total Section Two** _____

**Section Three: Cost/Benefit Acceptance (25 points possible)**
Total Project Cost Acceptable? (Yes = 5 pts., No = 0 pt.) _____
If no, describe why: _____
_____
Matching Funds (See matrix, Page D20) (Score 1 - 20 pts.) _____

**Total Section Three** _____

**TOTAL SCORE (100 points possible)** **(_____)**

**Cooperative Rearing (RE)**
**Priority Rating System for Cooperative Salmonid Rearing Project Proposals**

Proposal # _____ Proposal Name _____
Date _____ Raters _____ Region _____

Proposal not biologically sound; does not have matching funds; does not have necessary permits, including 5-year plan; or lacks sufficient detail to allow cost analysis score "O" for Total Score: Please explain: _____

_____

**Section One: Biological Conditions and Need (25 points possible)** **Score**

A. Objective of project: Restoration ____ (20 points) Production ___ (10 point)
(If project is for the purpose of production, the project may be reviewed by Grant Program other than the Coastal Program.) _____

B. Native listed species being raised OR currently or historically present:
(5 pt endangered, 2 pt threatened, 1 candidate, 0 none)
Chinook_____Coho_____Steelhead_____ _____

**Total Section 1** _____

**Section Two: Project Focus (30 points possible)**

A. Project progeny are used for educational programs:
Yes _____(5 points) No _____ (0 points) _____

B. Percent of the of the released fish that are marked
(1 pt. each 20% maximum 5 points) _____

C. Are DFG approved monitoring protocols conducted annually concurrent with this project?
(maximum 5 points) _____

D. Extent to which habitat restoration occurring concurrently or planned within target stream?
(5 - 4 - 3 - 2 -1- 0, maximum 5 points) _____

E. For New Projects (0 to 5 years)
Is adult populations trend data for target stream demonstrating a decline ?
(yes: 10 points, no; 0 points) _____

F. For Existing Projects (6 to 10years)
Extent to which projects demonstrates a change in the downward population trend:
(10 points increasing trend) (5 points stable trend) (0 points downward trend) _____

**Total Section Two** _____

**Section Three: Technical Merit of Proposed Project (20 points possible)**

A. Does facility meet DFG standards (Yes 10 points, if no 0 points) _____

B. Does facility have proven water supply (Yes 10 points, if no 0 points) _____

**Total Section Three** _____

**Section Four: Cost/Benefit Acceptance (25 points possible)**

Do production goals meet cost standards? (yes = 5 pts., no = 0 pts.) _____
If no, describe why: _____

_____

Matching Funds (See matrix, Page D20) (Score 1 - 20 pts.) _____
**Total Section Four** _____

**TOTAL SCORE (100 points possible)** **(_____)**

## Fish Screens (SC)

Proposal # _____ Proposal Name _____
Date _____ Raters _____ Region _____

Proposal not biologically sound or project is lacking sufficient detail to allow cost analysis score "O" for Total Score:
Please explain: _____

_____

**Section One: Biological Conditions and Need (26 points possible)** **Score**

**A.** Anadromous salmonid species currently or historically present: (1 point each)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**and**

**B.** Anadromous salmonid species restorable or currently present: (1 pt each species)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**C.** (Item B pts. / Item A pts.) = _____ / _____ x 20 (max 20 pts) = _____ (C)

Listed species currently or historically present: (4 pts. endangered, 2 pts. threatened, 1 pt. candidate)
Chinook _____ Coho _____ Steelhead _____ _____

**Total Section One** _____

**Section Two: Project Focus and Technical Merit of Project (49 points possible)**

**A.** Fish screen meet DFG and NMFS criteria for the following: (3 pts. each, maximum 15 points)
Structure Placement _____ Approach Velocity _____ Sweeping Velocity _____ Screen Openings _____
Bypass Design _____ _____

**B.** Project components for fish screen projects: (3 pts. each, maximum 15 points)

Screen will be operated during peak of juvenile migration. _____
Water diversion to be screened, captures more than 25% of flow during peak juvenile migration. _____
Fish loss in water diversion has been documented by qualified biologist. _____
A water control structure is in place at the diversion heading or will be built as part of the project. _____
Water right has been determined and will be monitored by flow gauge at screen. _____

Project will affect limiting factors in a timely manner: 9 - 7 - 5 - 3 - 1 _____
(See Matrix on page D19)

Rate quality and quantity of habitat upstream of this project 5 - 3 - 1 _____
Maintenance responsibilities of the fish screen has been assigned (Yes = 5 pts., No = 0 pt.) _____

**Total Section Two** _____

**Section Three: Cost/Benefit Acceptance (25 points possible)**
Total Project Cost Acceptable? (yes = 5 pts., no = 0 pts.) _____

If no, describe how: _____

_____

Matching Funds (See matrix, Page D20) (Score 1 - 20 pts.) _____

**Total Section Three** _____

**TOTAL SCORE (100 points possible)** **(_____)**

## Private Sector Technical Training and Education Projects (TE)

Proposal # _____ Proposal Name _____
Date _____ Raters _____ Region _____

Proposal does not focus on anadromous salmonid conservation activities or project lacking sufficient detail to allow cost analysis, score "0" for Total Score.
Please explain: _____

_____

**Section One: Biological Conditions and Need (16 points possible)** **Score**

**A.** Anadromous salmonid species currently or historically present: (1 point each)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**and**

**B.** Anadromous salmonid species restorable or currently present: (1 pt each species)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**C.** (Item B pts. / Item A pts.) = _____ / _____ x 10 (max 10 pts) = _____ (C)

Listed species currently or historically present: (4 pts. endangered, 2 pts. threatened, 1 pt. candidate)
Chinook _____ Coho _____ Steelhead _____ _____

**Total Section One** _____

**Section Two: Technical Merit (34 points possible)**

DFG acceptable protocols taught: (2 pts. each, maximum 14 points)
Aerial Photo Analysis _____ Stream Habitat Inventory _____ Temperature _____ Sediment Sampling _____
Channel Profile _____ Spawner Survey _____ Juvenile Biological Sampling _____ Structure Evaluation _____
V-star _____ DFG Manual Part Seven Implementation Methods _____ Road Inventory _____
Other (list) _____

_____

Limiting factors addressed: (2 pts. each, maximum 10 pts.)
Water Quality _____ Water Quantity _____ Riparian _____ Sediment _____ Spawning Habitat _____
Rearing Habitat _____ Estuary _____ Passage _____ Life Cycles _____ Upslope _____

_____

Number of persons trained (1pt. for each 10 persons, maximum 10 pts.) _____

**Total Section Two** _____

**Section Three: Effectiveness Evaluation (25 points possible)**

Is there an evaluation plan (yes = 10 pts., no = 0 pts.) _____
Degree to which evaluation measures effectiveness. (0 - 10 pts.) _____
Is this a new organization, effort, or responsibility in this watershed? (5 pts.) _____

**Total Section Three** _____

**Section Four: Cost/Benefit Acceptance (25 points possible)**

Total Project Cost Acceptable? (Yes = 5 pts., No = 0 pt.) _____
If no, describe why: _____

_____

Matching Funds (See matrix, Page D20) (Score 1 - 20 pts.) _____

**Total Section Four** _____

**TOTAL SCORE (100 points possible)** **(_____)**

## Tailwater Management (TW)

Proposal # _____ Proposal Name _____
Date _____ Raters _____ Region _____

Proposal not biologically sound or project is lacking sufficient detail to allow cost analysis score "O" for Total Score:
Please explain: _____
_____

**Section One: Biological Conditions and Need (26 points possible)** **Score**

**A.** Anadromous salmonid species currently or historically present: (1 point each)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**and**

**B.** Anadromous salmonid species restorable or currently present: (1 pt each species)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**C.** (Item B pts. / Item A pts.) = _____ / _____ x 20 (max 20 pts) = _____ (C)

Listed species currently or historically present: (4 pts. endangered, 2 pts. threatened, 1 pt. candidate)
Chinook _____ Coho _____ Steelhead _____ _____

**Total Section One** _____

**Section Two: Project Focus and Technical Merit of Project (49 points possible)**

**A.** Impact of the project on the following limiting factors: (3 pts. high, 1 pt. low, 0 pt. none, maximum 16 points)

Water Quality _____ Water Quantity _____ Riparian _____ Spawning _____
Passage _____ Entrainment _____ Rearing Habitat _____ Other _____

**B.** Project components for tail water projects: (3 pts. each)

Project will incorporate a water reuse system. _____
The amount and characteristics of the tail water produced in this system has been determined. _____
The system will be protected by a long term operation agreement. _____

Project will affect limiting factors in a timely manner: 9 - 7 - 5 - 3 - 1 _____
(See Matrix on page D19)

Rate quality and quantity of habitat enhance by this project: 5 - 3 - 1 _____
Maintenance responsibilities of the fish screen has been assigned (Yes = 5 pts., No = 0 pt.) _____
Constant supervision by DFG will be needed to insure water operational commitments are met (No = 5 pts., Yes = 0 pt.) _____

**Total Section Two** _____

**Section Three: Cost/Benefit Acceptance (25 points possible)**
Total Project Cost Acceptable? (yes = 5 pts., no = 0 pts.) _____
If no, describe how: _____
_____
Matching Funds (See matrix, Page D20) (Score 1 - 20 pts.) _____

**Total Section Three** _____

**TOTAL SCORE (100 points possible)** **(_____)**

## Water Conservation Measures (WC) and Water Purchase (WP)

Proposal # _____ Proposal Name _____
Date _____ Raters _____ Region _____

Proposal not biologically sound or project is lacking sufficient detail to allow cost analysis score "O" for Total Score:
Please explain: _____
_____

**Section One: Biological Conditions and Need (26 points possible)** **Score**

**A.** Anadromous salmonid species currently or historically present: (1 point each)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**and**

**B.** Anadromous salmonid species restorable or currently present: (1 pt each species)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**C.** (Item B pts. / Item A pts.) = _____ / _____ x 20 (max 20 pts) = _____
(C)

Listed species currently or historically present: (4 pts. endangered, 2 pts. threatened, 1 pt. candidate)
Chinook _____ Coho _____ Steelhead _____ _____

### Total Section One _____

**Section Two: Project Focus and Technical Merit of Project (49 points possible)**

**A.** Impact of the project on the following limiting factors: (3 pts. high, 1 pt. low, 0 pt. none, maximum 15 points)

Water Quality _____ Water Quantity _____ Riparian _____ Spawning _____
Passage _____ Entrainment _____ Rearing Habitat _____ Other _____

**B.** Project components for tail water projects: (3 pts. each)

There is a binding agreement in place to insure that the water left in the stream will be left and not captured by downstream users. _____
Water can be gauged to insure delivery quantities. _____
The system will be protected by a long term operation agreement. _____
Water delivery agreements will be structured to allow for adjustments for additional fishery needs in dry years. _____

Project will affect limiting factors in a timely manner: 9 - 7 - 5 - 3 - 1 _____
(See Matrix on page D19)

Rate quality and quantity of habitat enhance by this project: 5 - 3 - 1 _____
Maintenance responsibilities of the water measuring devise has been assigned. (Yes = 4 pts., No = 0 pt.) _____
Constant supervision by DFG will be needed to insure water operational commitments are met. (No = 4 pts., Yes = 0 pt.) _____

### Total Section Two _____

**Section Three: Cost/Benefit Acceptance (25 points possible)**

Total Project Cost Acceptable? (yes = 5 pts., no = 0 pts.) _____
If no, describe how: _____
_____
Matching Funds (See matrix, Page D20) (Score 1 - 20 pts.) _____

### Total Section Three _____

**TOTAL SCORE (100 points possible)** **(_____)**

## Water Measuring Devices (WD)

Proposal # _____ Proposal Name _____
Date _____ Raters _____ Region _____

Proposal not biologically sound or project is lacking sufficient detail to allow cost analysis score "O" for Total Score:
Please explain: _____
_____

**Section One: Biological Conditions and Need (26 points possible)** **Score**

**A.** Anadromous salmonid species currently or historically present: (1 point each)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**and**

**B.** Anadromous salmonid species restorable or currently present: (1 pt each species)
Chinook _____ Coho _____ Steelhead _____ Cutthroat _____

**C.** (Item B pts. / Item A pts.) = _____ / _____ x 20 (max 20 pts) = _____ (C)

Listed species currently or historically present: (4 pts. endangered, 2 pts. threatened, 1 pt. candidate)
Chinook _____ Coho _____ Steelhead _____ _____

**Total Section One** _____

**Section Two: Project Focus and Technical Merit of Project (49 points possible)**

**A.** Impact of the project on the following limiting factors: (3 pts. high, 1 pt. low, 0 pt. none, maximum 15 points)

Water Quality _____ Water Quantity _____ Riparian _____ Spawning _____
Passage _____ Entrainment _____ Rearing Habitat _____ Other _____

**B.** Project components for water measuring projects: (3 pts. each)

Project will incorporate an acceptable and accurate water measuring system. _____
Gauges will be monitored using an acceptable protocol. _____
The system will be protected by a long term agreement. _____

Project will affect limiting factors in a timely manner: 9 - 7 - 5 - 3 - 1 _____
(See Matrix on page D19)

Rate quality and quantity of habitat enhance by this project: 5 - 3 - 1 _____
Maintenance responsibilities of the water measuring devise has been assigned. (Yes = 4 pts., No = 0 pt.) _____
Constant supervision by DFG will be needed to insure water measurements are completed correctly. (No = 5 pts., Yes = 0 pt.) _____

**Total Section Two** _____

**Section Three: Cost/Benefit Acceptance (25 points possible)**

Total Project Cost Acceptable? (yes = 5 pts., no = 0 pts.) _____
If no, describe how: _____
_____
Matching Funds (See matrix, Page D20) (Score 1 - 20 pts.) _____

**Total Section Three** _____

**TOTAL SCORE (100 points possible)** **(_____)**

# Scoring Matrix

**Timeliness in Effecting Limiting Factors**

(choose the point value where Timeliness and Benefit of proposed project intersect)

| TIMELINESS | Low Benefit 1 Point | Medium Benefit 2 Points | High Benefit 3 Points |
|---|---|---|---|
| 1 Year | 3 Points | 6 Points | 9 Points |
| | 2 Points | 4 Points | 6 Points |
| 15 Years | 1 Point | 2 Points | 3 Points |

**BENEFITS**

# MATCHING FUNDS SCORING MATRIX
# FOR 2003-2004 SOLICITATION

| % Match | Match Funding Score (choose one) | | |
|---|---|---|---|
| | Match not Suitable | Soft Match | Hard Match |
| 90-99 % | 0 | 10 | 20 |
| 80-89 % | 0 | 9 | 18 |
| 70-79 % | 0 | 8 | 16 |
| 60-69 % | 0 | 7 | 14 |
| 50-59 % | 0 | 6 | 12 |
| 40-49 % | 0 | 5 | 10 |
| 30-39 % | 0 | 4 | 8 |
| 20-29 % | 0 | 3 | 6 |
| 10-19 % | 0 | 2 | 4 |
| 5- 9 % | 0 | 1 | 2 |

**% Match = (Matching Funds / Total Project Cost) x 100**
**( _____ / _____ ) x 100 = _____**

**Suitability of Match**

**Examples of suitability of match**

**0 - Match not suitable**
**1 - Soft match:**
- **salaries of permanent funded government employee**
- **office space**

**2 - Hard match:**
- **materials**
- **equipment**
- **cash**